PTO/SB/08A (10-01)
Approved for use through 10/31/2002, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE red to respond to a collection of information unless if contains a collection of Dissorting the perwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute fo	or form 1449A	(PTO		Complete if Known			
				Application Number	10/644.255		
INFORMATION DISCLOSURE					AUGUST 20, 2003		
STATE	<b>EMENT</b>	BY A	PPLICANT	First Named Inventor	MARK CULLEN		
•				Art Unit	1764		
(us	se as many :	sheets as	necessary)	Examiner Name			
Sheet	1	of	1	Attorney Docket Number	CULLN-001B		

	U.S. PATENT DOCUMENTS								
Examiner Initials*		Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
		US-							
		US-							
		US-	•						
		US-			·				
		US-							
		US-							
		US-	- 17						
		US-							
		US-							
		US-							
		US-							
		US-							
		US-							
		US-							
	1	US-							
		US-							
		US-							
		US-							
	1	US-							
		US-							

			FORE	IGN PATENT D	OCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent	Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т
777		EP 048284		10/18/1999	COLLINS		上
TN		WO 00/15		01/23/2000	JEANBLANC		↓
							┾-
							十
	-						
	<del> </del>						oxdot
	$\vdash$						Ļ
							╀
- 2							

Evenings		Date	7/2/2
Examiner			1120105
Signature	Cerro	Considered	11-1
Oldingtoic 1		THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

conformance and not considered, include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional), <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



## **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18
Stylesheet Version v18.0

Title of Invention

TREATMENT OF CRUDE OIL FRACTIONS, FOSSIL FUELS AND PRODUCTS THEREOF

Application Number:

10/644255

Confirmation Number:

6075

First Named Applicant:

MARK CULLEN

Attorney Docket Number: CULLN-001B

Art Unit:

1764

Search string:

( 2253308 or 2697682 or 2671049 or 2834717

or 3284342 or 3341448 or 3565793 or 3595778

or 3719589 or 3816301 or 3945914 ).pn.

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
TN	1	2253308	1941-08-19	ROSEN			
	2	2697682	1954-12-21	PORTER			
	3	2671049	1954-03-02	BROWN			
	4	2834717	1958-05-13	SHIAH			
	5	3284342	1966-11-08	NATHAN			
	. 6	3341448	1967-09-12	FORD			
Ш	7	3565793	1971-02-23	HERBSTMAN			
	8	3595778	1971-07-27	SMETANA			
	9	3719589	1973-03-06	HERBSTMAN			
	10	3816301	1974-06-11	SORGENTI			
V	11	3945914	1976-03-23	Y00			

# Signature

Examiner Name	Date
Zam	7/20/05

APP\_ID=10644255 Page 1 of 1

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known			
		-	AL COURT	Application Number	10/644.255		
INFOR	RMATION	DIS	SCLOSURE	Filing Date	AUGUST 20, 2003		
CTATE	MENT R	VΔ	APPLICANT	First Named Inventor	MARK CULLEN		
SIAIL	CIMICIAI D		AFF LIOAN	Group Art Unit	1764		
	(use as many sh	neets &	is necessary)	Examiner Name			
Sheet	1	of	0	Attorney Docket Number	CULLN-001B		

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>					
TN		HU, MICHAEL C., Rigorous Hydrotreater Simulation, PTQ, Spring 2002, pages 85-91.						
TN		LIOTTA, FRANK J., Production of Ultra-Low Sulfur Fuels by Selective Hydroperoxide Oxidation, National Petrochemical & Refiners Association Annual Meeting, March 23-25, 2003, pages 1-9.						
		·						
		·						

Examiner	7 ~	Date	7/20/05
Signature	Carr	Considered	110010

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.



## **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

TREATMENT OF CRUDE OIL FRACTIONS, FOSSIL FUELS AND PRODUCTS THEREOF

**Application Number:** 

10/644255

Confirmation Number:

6075

First Named Applicant:

MARK CULLEN

Attorney Docket Number: CULLN-001B

Art Unit:

1764

Search string:

(5824214 or 5948242 or 5985137 or 6402939

or 6402940 or 6406616 or 6500219 or

20020029997 or 20030014911 or 20030019791

or 20030085156 ).pn.

## **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
TN	1	5824214	1998-10-20	Paul et al.			
	2	5948242	1999-09-07	Ohsol et al.			
	3	5985137	1999-11-16	Ohsol et al.			
	4	6402939	2002-06-11	Yen et al.			
	5	6402940	2002-06-11	Rappas			
	6	6406616	2002-06-18	Rappas et al.			
V	7	6500219	2002-12-31	Gunnerman			

# **US Published Applications**

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
M	1	20020029997	2002-03-14	Rappas, et al.			
	2	20030014911	2002-01-23	Gunnerman			
	3	20030019791	2002-01-30	Austin			
	4	20030085156	2003-05-08	Schoonover			

